



**GOVERNMENT OF THE DISTRICT OF COLUMBIA  
CONSTRUCTION CODES COORDINATING BOARD**  
*c/o DCRA– 1100 4<sup>th</sup> Street SW, Washington, DC 20024*

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**CODE CHANGE PROPOSAL FORM**

PAGE 1 OF 2

CODE: Residential Code

SECTION NO. P2902.5.4 SUBCOMMITTEE AMENDMENT NO. RC-M-29-1-13

PROPOSING SUBCOMMITTEE: Mechanical TAG CHAIR: Lourenco PHONE: 202-966-0042 E-mail: al@lourenconsult.com

DATES OF PROPOSAL: 5/15/12; 5.15.12 (referred to Residential TAG); 7.10.12 (approved by Residential TAG)

CCCCB PRESENTATION: 7.12.12

CCCCB APPROVAL: 7.19.12

CHECK ONE



*Revise section to read as follows:*



*Delete section and substitute the following:*



*Add new section to read as follows:*



*Delete section without substitution.*

TYPE ALL TEXT IN 12-POINT TIMES NEW ROMAN FONT

~~LINE THROUGH TEXT TO BE DELETED~~ (highlight text, under Format, click font and check strikethrough)

UNDERLINE TEXT TO BE ADDED

Use additional sheets of the form, if necessary.

See next page

Anticipated impact of code change on cost of construction (CHECK ONE)



*Increase*



*Decrease*



*Negligible*



*Unknown*

*Per 1,000 SF single-family dwelling*

*to*

*Per 1,000SF of commercial building*

*to*

**JUSTIFICATION OF CHANGE:**

Please reference one or more of the criteria required



**To address a critical life/safety, health, general welfare need.**



**To address a specific District of Columbia policy or statute**



**For consistency with federal, or with reference to the Metro DC area (MD, VA) codes**



**Address a unique character issue in the District of Columbia**



**Correction of errors and omissions**



**Other (explain)**

To add the word “systems” after “sprinkler.” The provision, as worded in the IRC, is inaccurate and may lead to confusion.



**SECTION P2902**  
**PROTECTION OF POTABLE WATER SUPPLY**

*Strike Section P2902.5.4 of the International Residential Code in its entirety and insert new Section P2902.5.4 to the Residential Code in its place to read as follows:*

**P2902.5.4 Connections to automatic fire sprinkler systems.** The potable water supply to automatic fire sprinkler systems shall be protected against backflow by a double check backflow prevention assembly, a double check fire protection backflow prevention assembly, a reduced pressure principle backflow prevention assembly or a reduced pressure principle fire protection backflow prevention assembly.

**Exception:** Where systems are installed as a portion of the water distribution system in accordance with the requirements of this code and are not provided with a fire department connection, backflow protection for the water supply system shall not be required.